IN THE CLAIMS:

Please amend the claims as follows:

1 to 21. (Canceled).

22. (New) A correction server system, comprising:

a database storing a plurality of data entries;

a computer system including one or more hardware processor(s) executing program instructions to instantiate:

one or more analyzers, executed by the processor, to read data entries from the database according to respective read requests and to calculate analytical results therefrom;

a data flow manager, responsive to read requests from the analyzers, to store data representing the read requests in a read history, the stored data including, for each read request, identifiers of a data entry read and an analytical result generated therefrom; and

a correction server, responsive to a write to a data entry in the database to correct that data entry, to:

compare an identifier of the corrected data entry to data entry identifiers stored in the read history and,

when a match occurs, identify a previously-generated analytical result corresponding to the matching data entry identifier of the read history as rendered potentially inconsistent by the data entry correction.

23. (New) The correction server system of claim 22, wherein the read history log identifies leading and dependent entities, a leading entity being a data entity that is read by a component and a dependent entity being a new object entity created from the data entity that is read.

24. (New) The correction server system of claim 22, wherein the read history stores pairs of entity identifiers.

25. (New) The correction server system of claim 22, wherein the correction server receives correction data that includes an identifier of a data entity being corrected, an indication of fields within the data entity that are being changed and an identification of field values that are changed.

26. (New) The correction server system of claim 25, wherein a corrected entity log stores all the correction data.

27. (New) The correction server system of claim 22, wherein the correction server further comprises a filtering agent that compares correction information to filtering criterion and stores the correction information in a corrected entity log only if the correction information matches the filtering criterion.

28. (New) The correction server system of claim 22, wherein the correction server further includes a user interface that permits review and display of a corrected entity log, the user interface providing a jump-to feature that, when activated with respect to an entry of the corrected entity log causes a data entity referenced by the entry to be retrieved and displayed.

29. (New) The correction server system of claim 22, wherein the read history is stored in a persistent context.

30. (New) A computer-implemented correction management method, comprising:

responsive to each of a plurality of read requests to a database by analyzers to process database data entries, storing with a computer hardware processor, in a read history:

an identifier of the data entry being read pursuant to the read request and

an identifier of an analytical result generated by the respective analyzer after having processed the data entry,

responsive to a write operation to the database to correct a data entry therein:

comparing with the computer hardware processor an identifier of the corrected data entry to data entry identifiers stored in the read history, and

when a match occurs, identifying a previously-generated analytical result corresponding to the matching data entry identifier of the read history as rendered potentially inconsistent by the data entry correction.

31. (New) The correction management method of claim 30, wherein the read history stores paired leading entity identifiers and dependent entity identifiers relating to the prior accesses.

32. (New) The correction management method of claim 31, wherein the comparison is made between an entity identifier from a corrected entity log and the leading entity identifier from the read history log.

33. (New) The correction management method of claim 30, wherein the read history is stored in a persistent context.

34. (New) Computer readable medium having stored thereon program instructions that, when executed, cause a computer system to:

responsive to each of a plurality of read requests to a database by analyzers to process database data entries, storing with a computer hardware processor, in a read history:

an identifier of the data entry being read pursuant to the read request and

an identifier of an analytical result generated by the respective analyzer after having processed the data entry,

responsive to a write operation to the database to correct a data entry therein:

comparing with the computer hardware processor an identifier of the corrected data entry to data entry identifiers stored in the read history, and

when a match occurs, identifying a previously-generated analytical result corresponding to the matching data entry identifier of the read history as rendered potentially inconsistent by the data entry correction.

35. (New) The medium of claim 34, wherein the read history stores paired leading entity identifiers and dependent entity identifiers relating to the prior read requests.

36. (New) The medium of claim 34, wherein the write operation includes an entry identifier of a database entry and an indication of fields within the database entry being corrected.

37. (New) The medium of claim 34, further comprising comparing the request to correct the data entry to filtering criteria and performing the storing and comparing unless the request to correct the data entry does not satisfy the filtering criteria.

38. (New) A correction server system, comprising:

an electronic processor and a memory;

a database in the memory, storing a plurality of data entries;

an analyzer, executed by the processor, to read a data entry and calculate an analytical result using the data entry;

a data flow manager, responsive to read requests from agents to the database, to store a read history including, for each read request: identifying a relationship between a particular data entry read and a particular analytical result; and

a correction server, responsive to the particular data entry being corrected, identifying each related analytical result as rendered potentially inconsistent.

39. (New) A method, comprising:

maintaining a plurality of data entries in a database;

monitoring a plurality of agents to a database configured to read the plurality of data entries, wherein the monitoring is performed by an electronic processor and includes: for each read operation of a particular data entry:

storing a link between the particular data entry and an analytical result using the particular data entry;

responsive to a data entry being corrected, identifying each analytical result linked to the corrected data entry as being rendered potentially inconsistent.